

FIG. 1

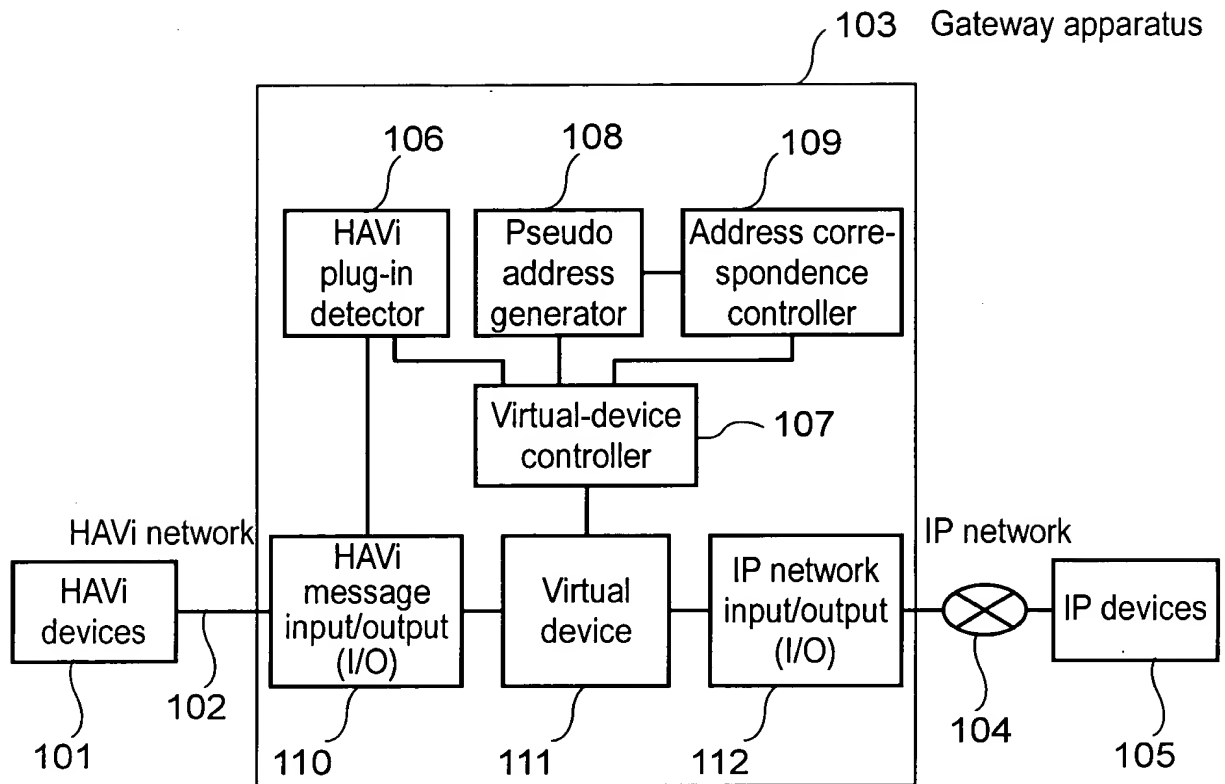


FIG. 2

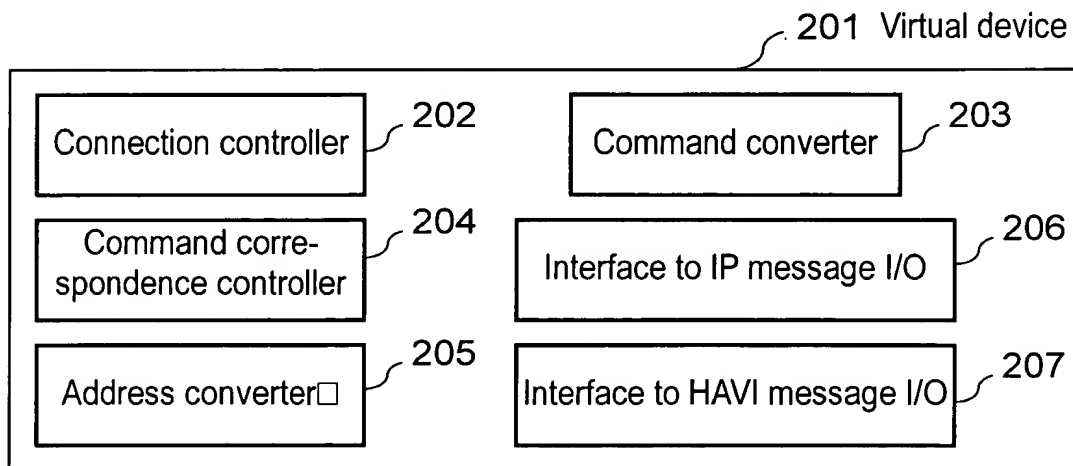
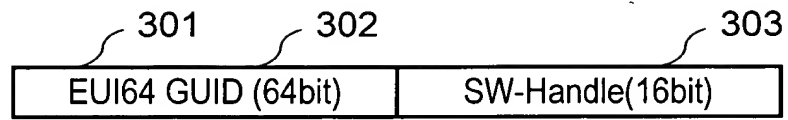


FIG. 3



00000000 00000000 00000000 00000000

FIG. 4

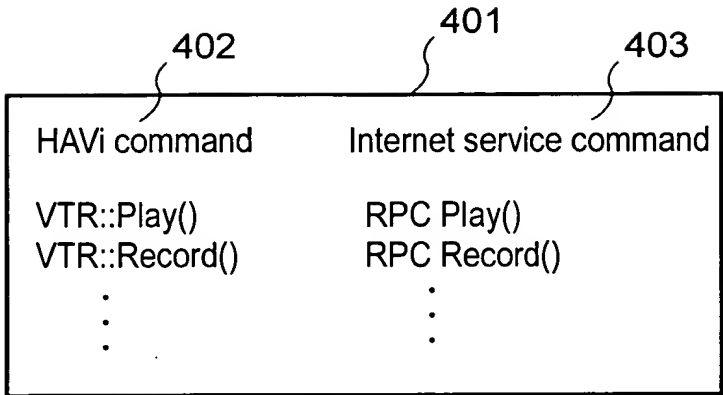


FIG. 5

502 Connection	503 HAVi-side address	501 Internet-side address
Virtual VTR-IP client 1	10-2	192. 0. 0 1:8080
Virtual VTR-IP client 2	10-3	192. 0. 0 1:8080
Virtual DTV-IP client 3	10-4	192. 0. 0 1:8081

FIG. 6

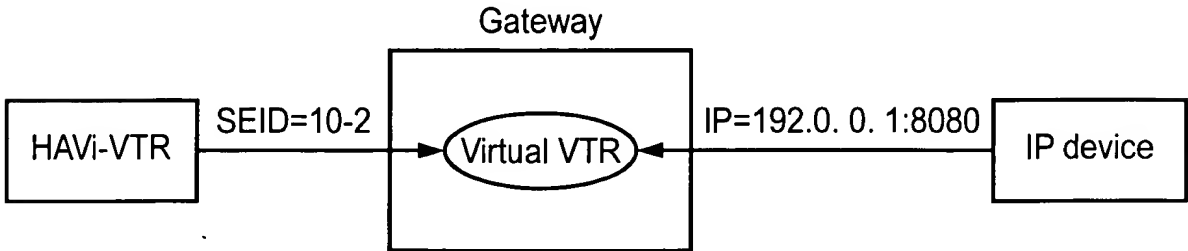


FIG. 7

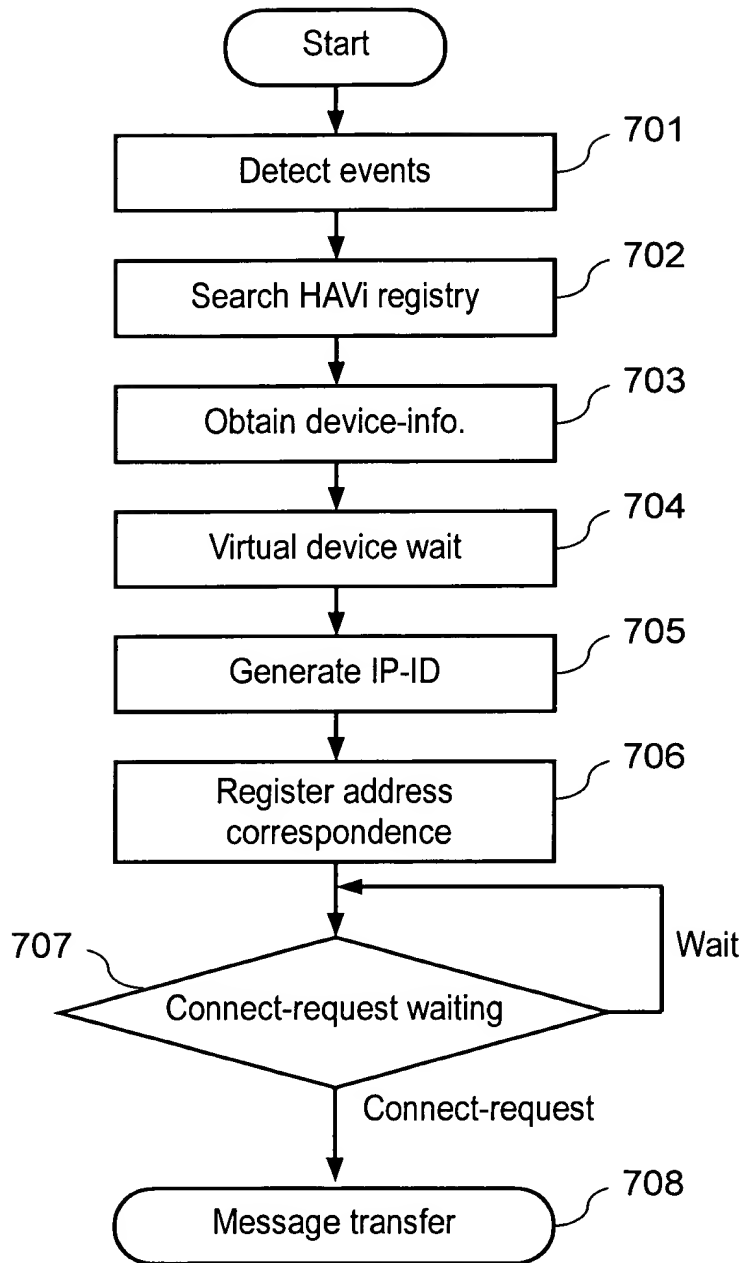
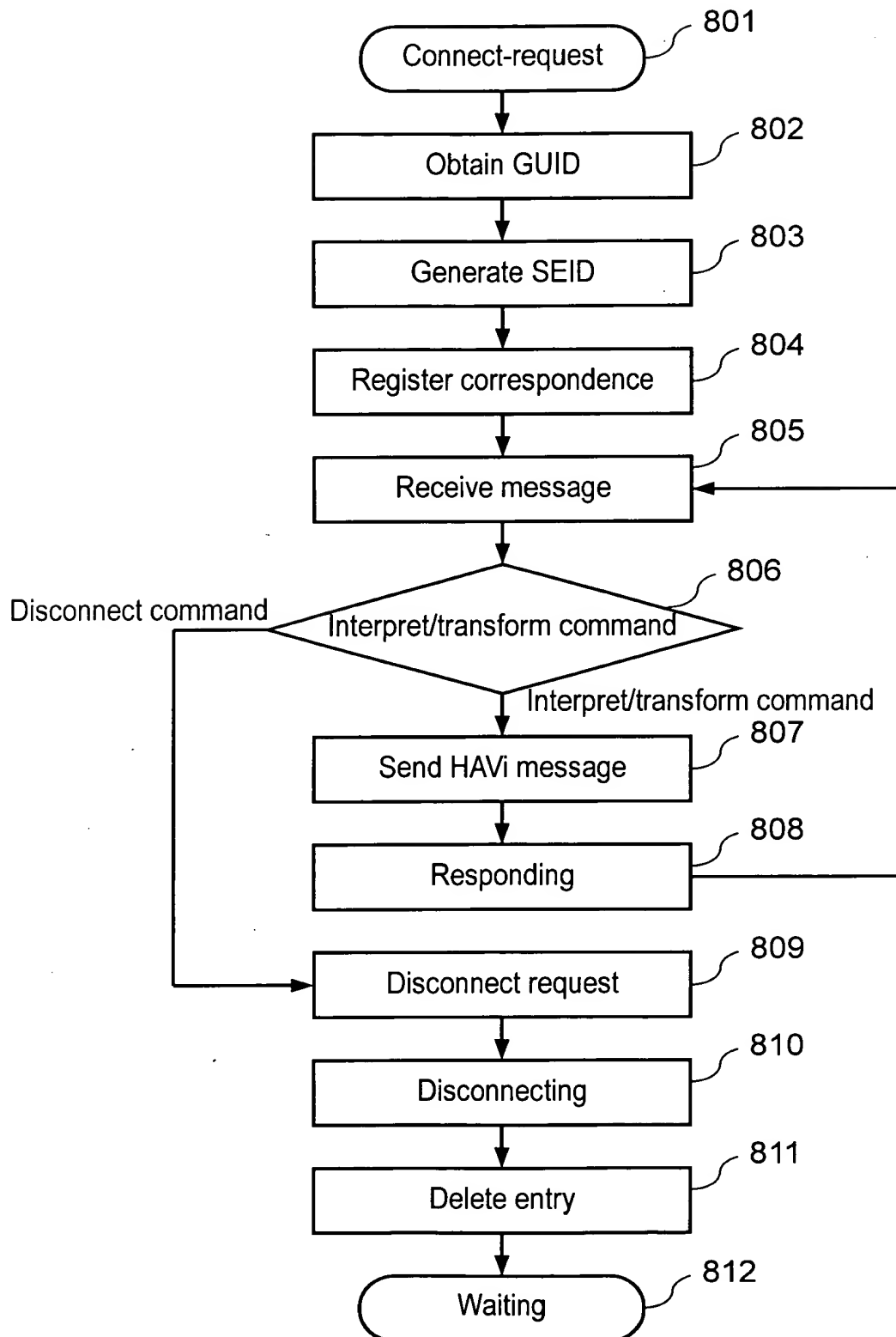


FIG. 8



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FIG. 9

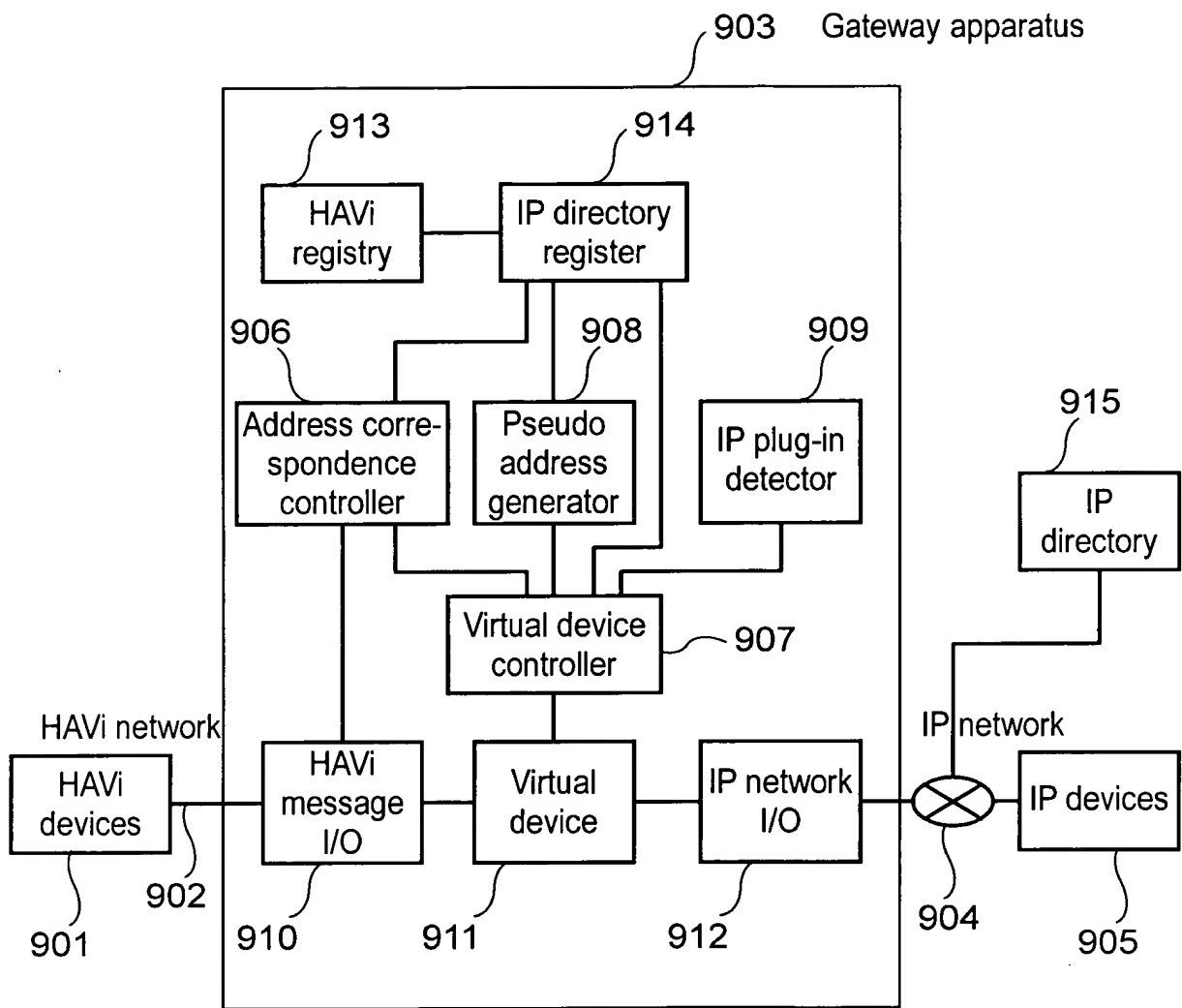
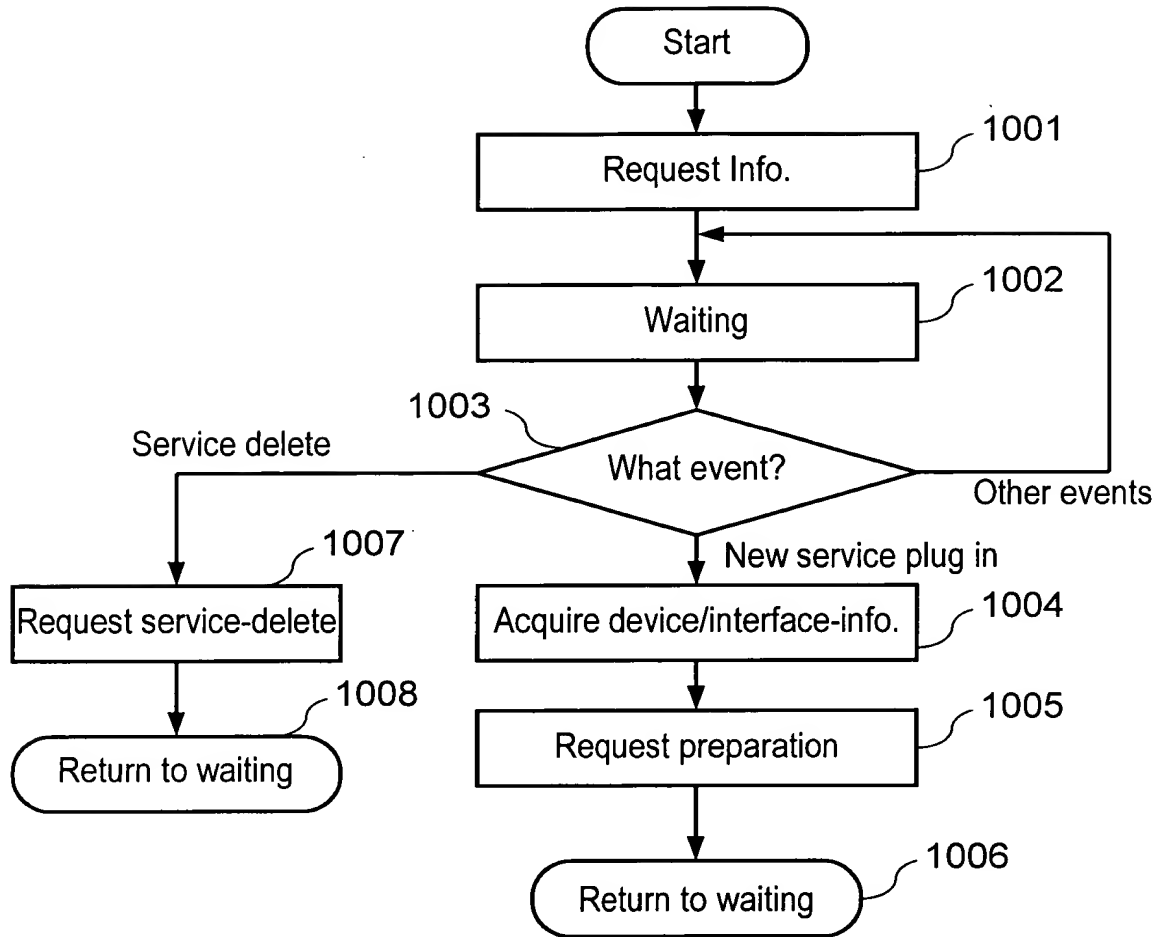


FIG. 10



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FIG. 11A

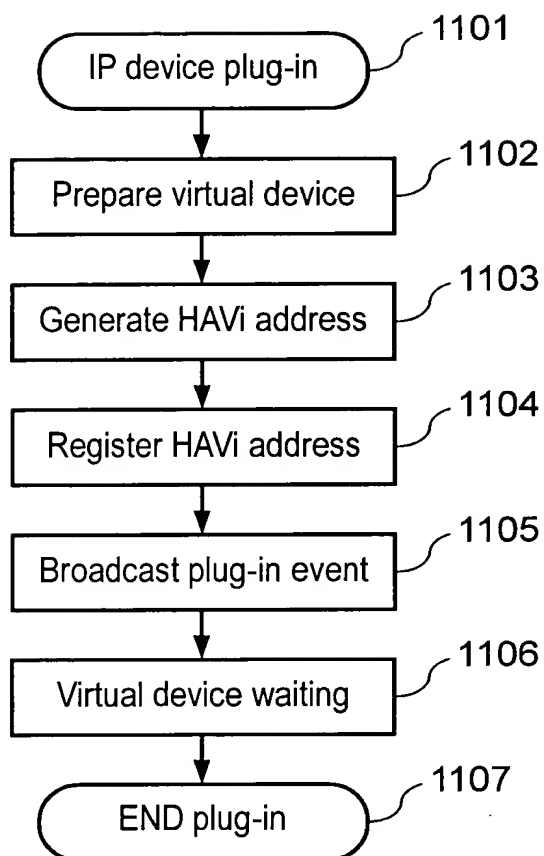


FIG. 11B

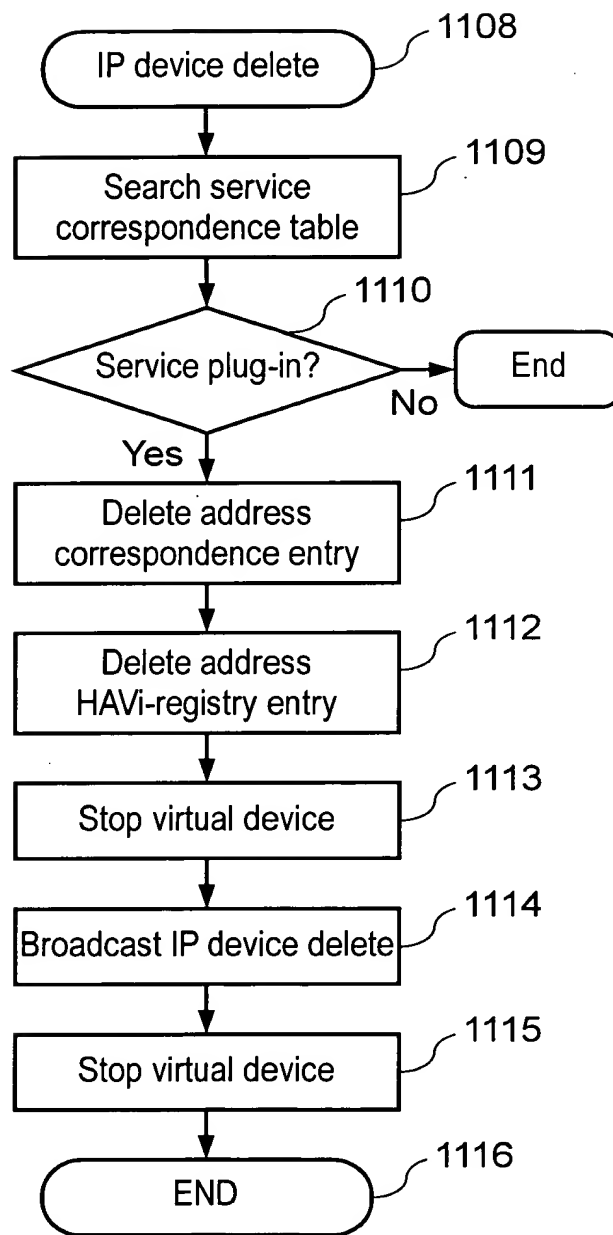


FIG. 12

Connection	HAVi-side address	Internet-side address
HAVi client-Virtual printer	10-5	192. 0. 0 1

FIG. 13

Service	HAVi HUID	Internet service ID
IP network printer	10-5	12E83420A

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FIG. 14

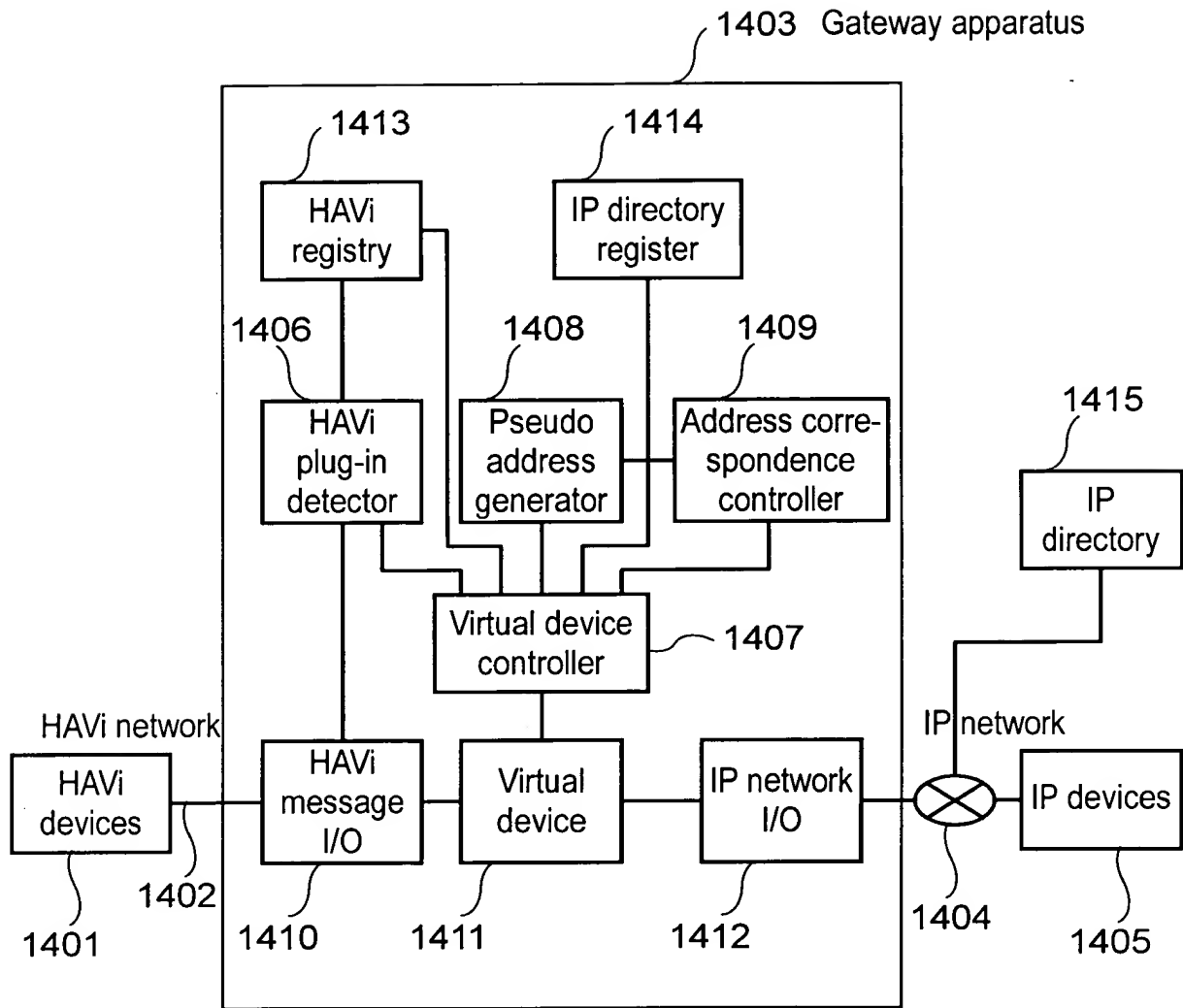
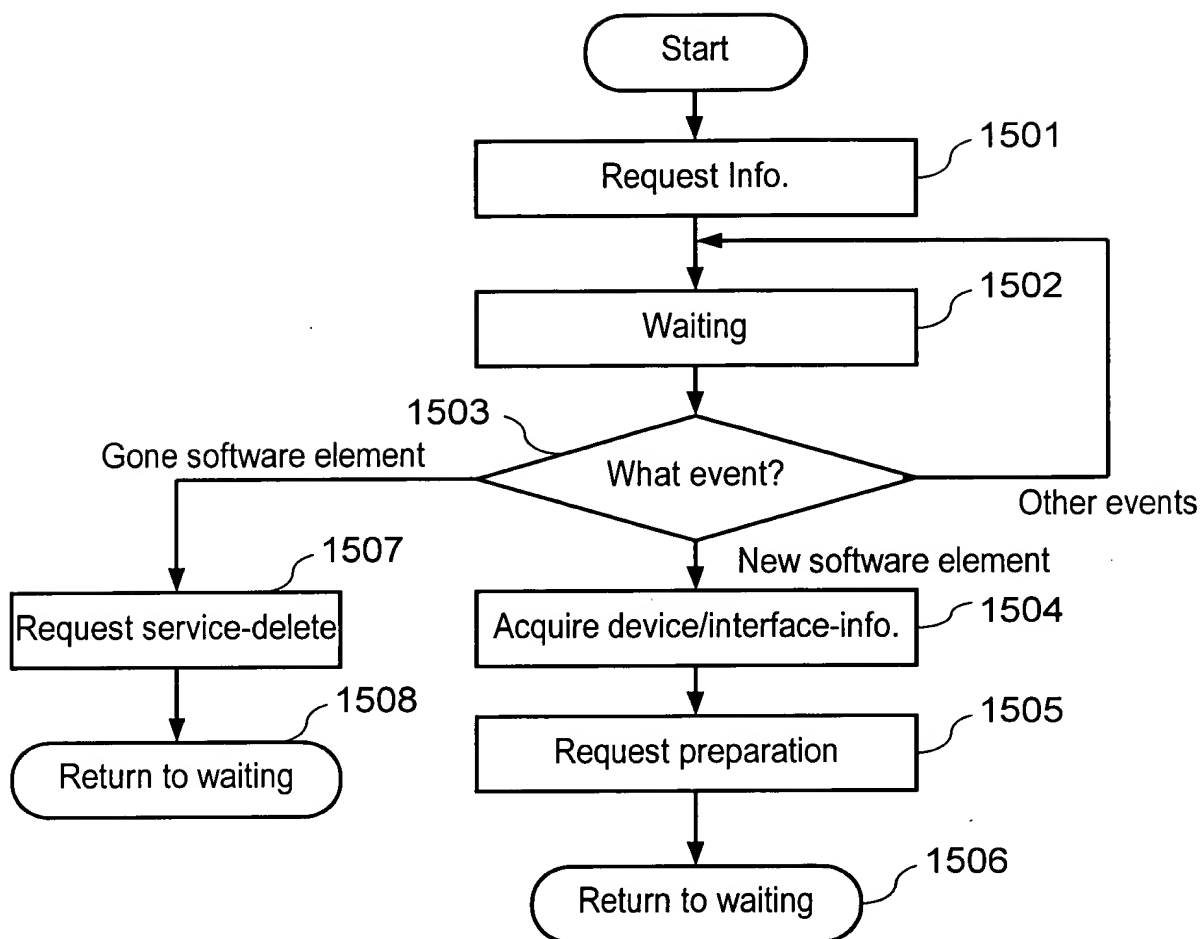


FIG. 15



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FIG. 16A

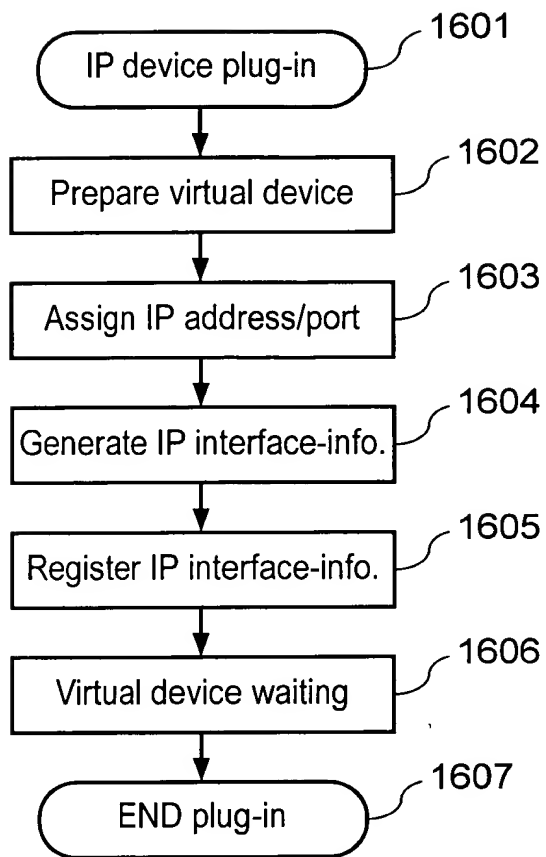


FIG. 16B

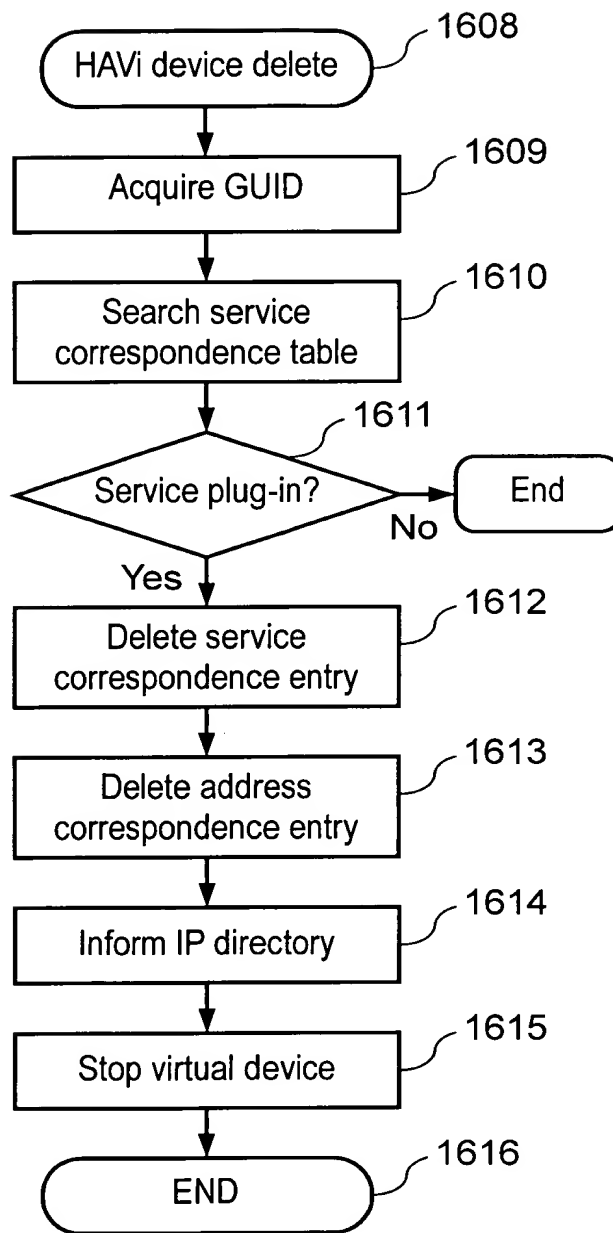


FIG. 17

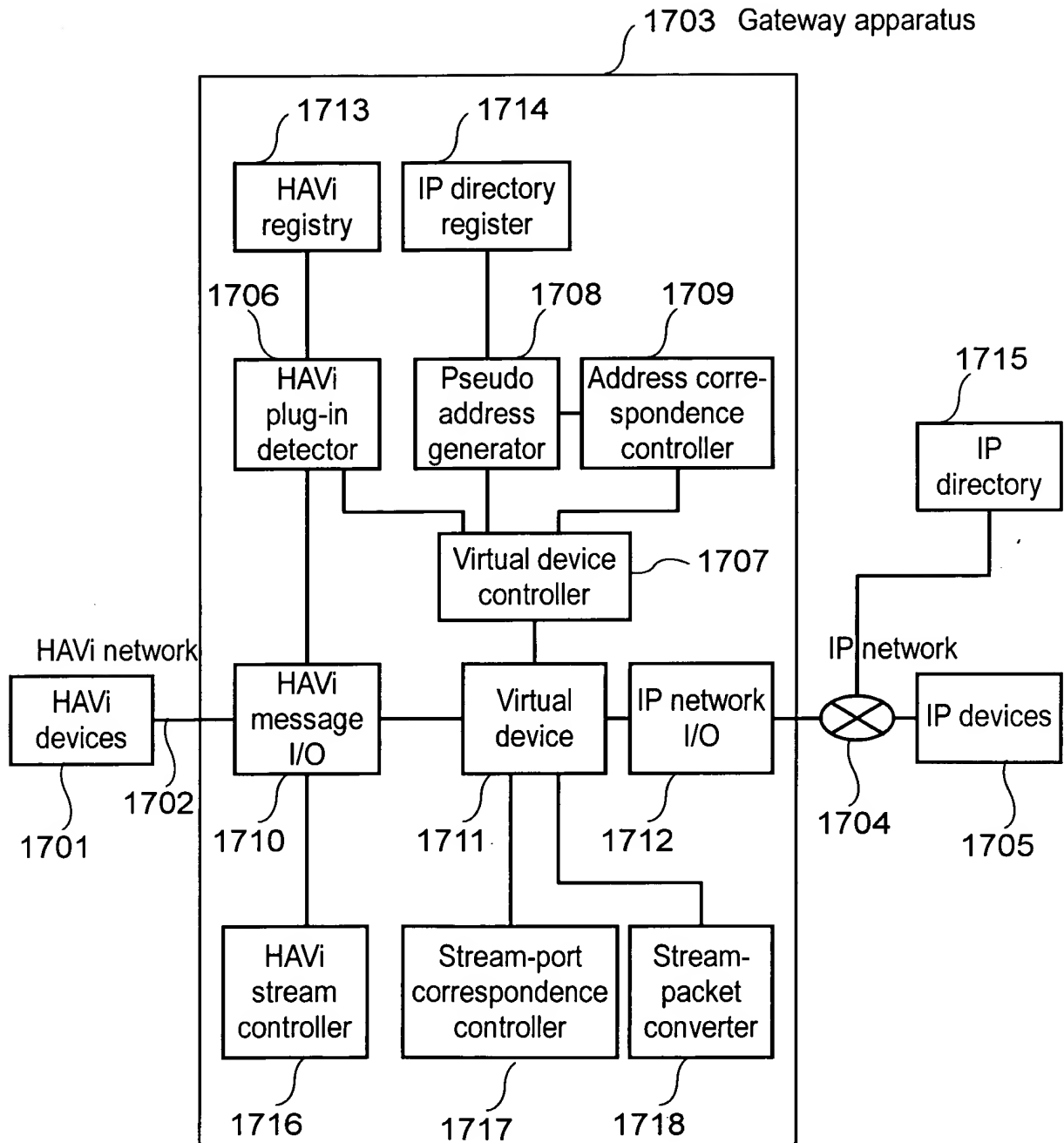
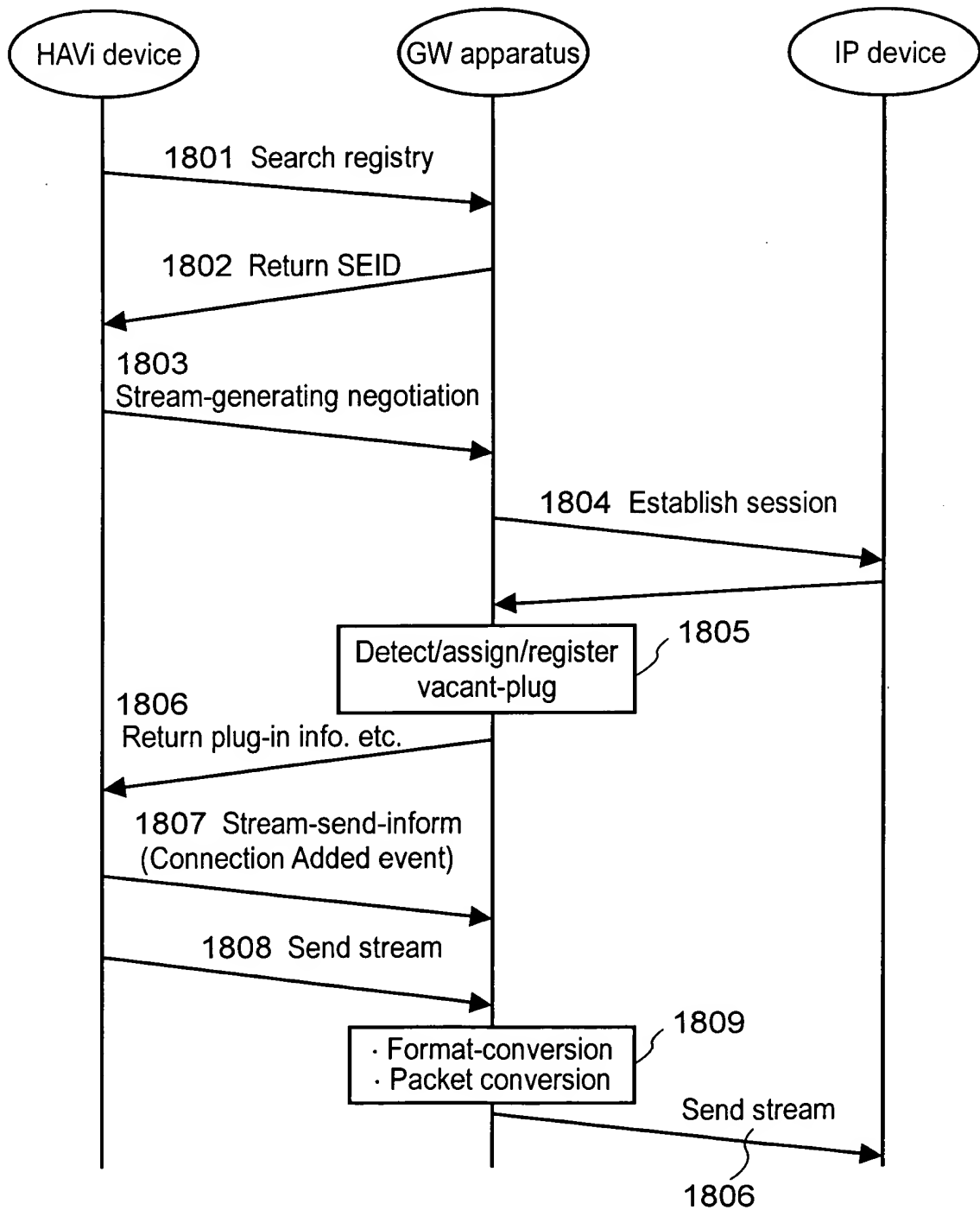


FIG. 18

Sequence diagram (Establish)



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FIG. 19

Sequence diagram (disconnect)

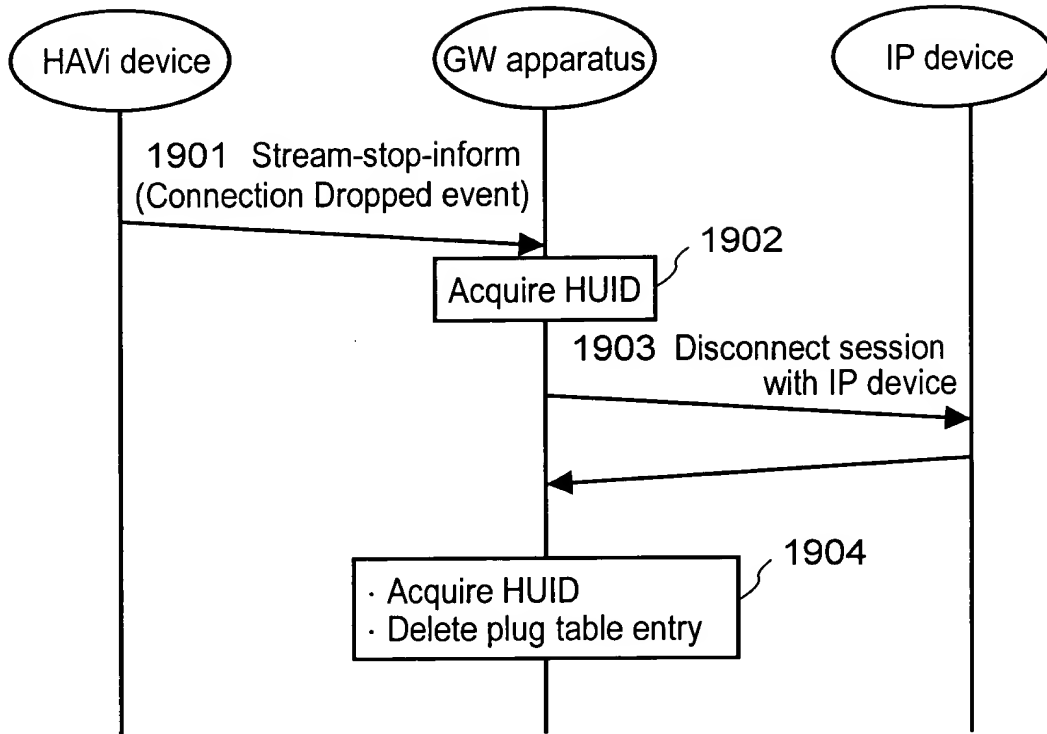


FIG. 20

2001	2002	2003	2004	2005
FCM HUID	FCM Plug No,	PCR No,	IP Port No,	
10-6	0	0.1	8082	
10-7	1	2	8083	

FIG. 21

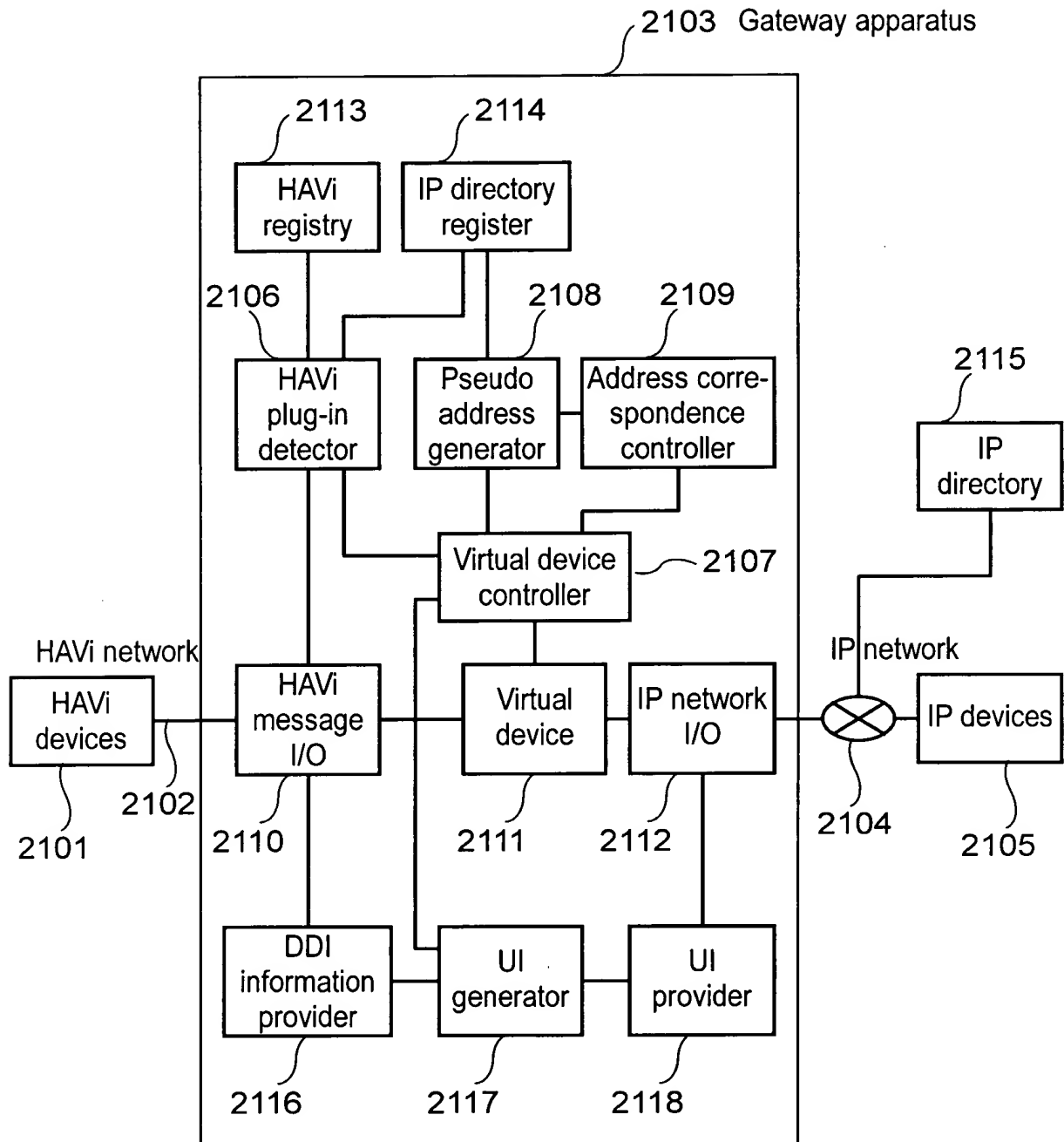


FIG. 22

DDI acquire sequence

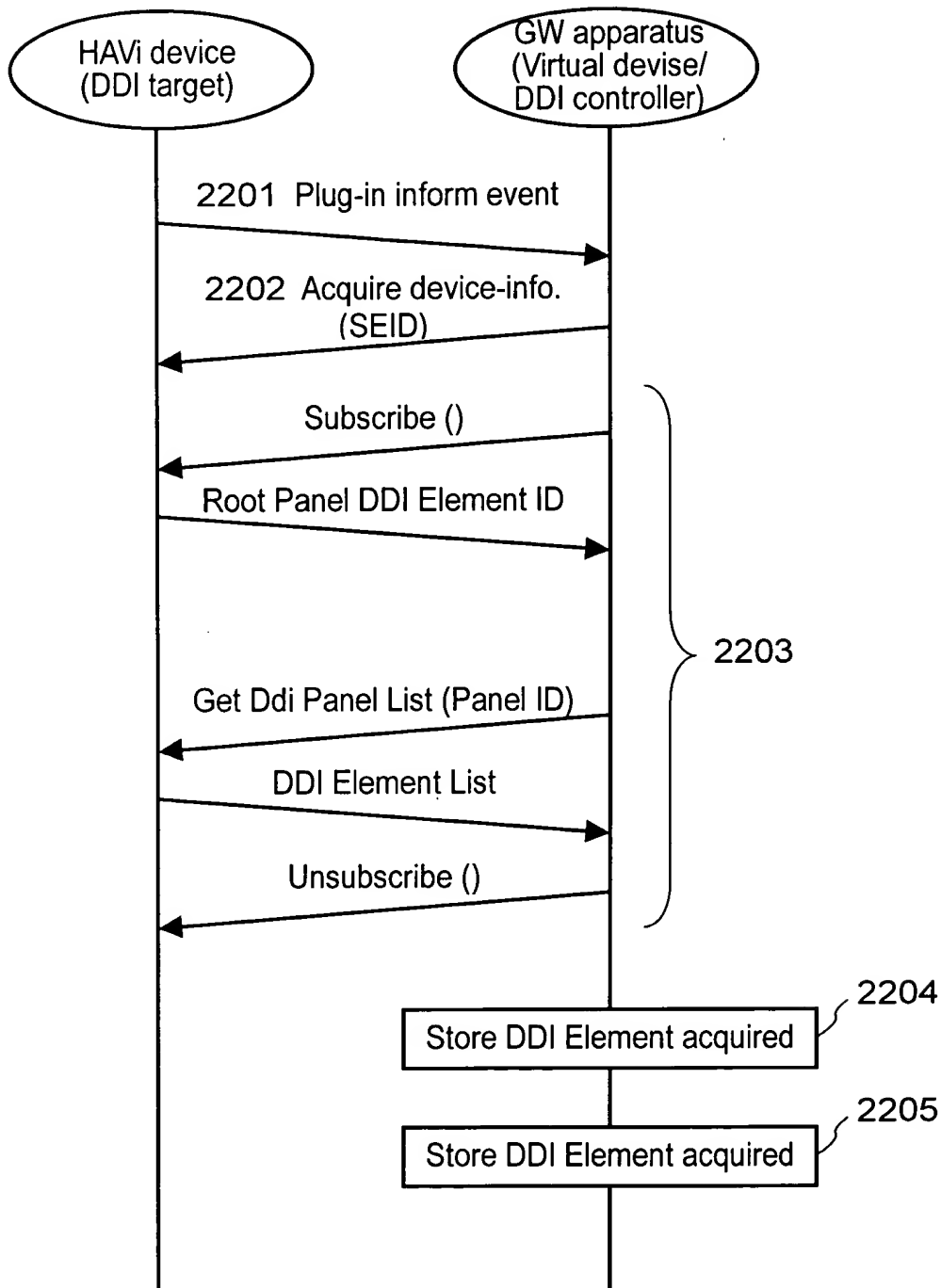
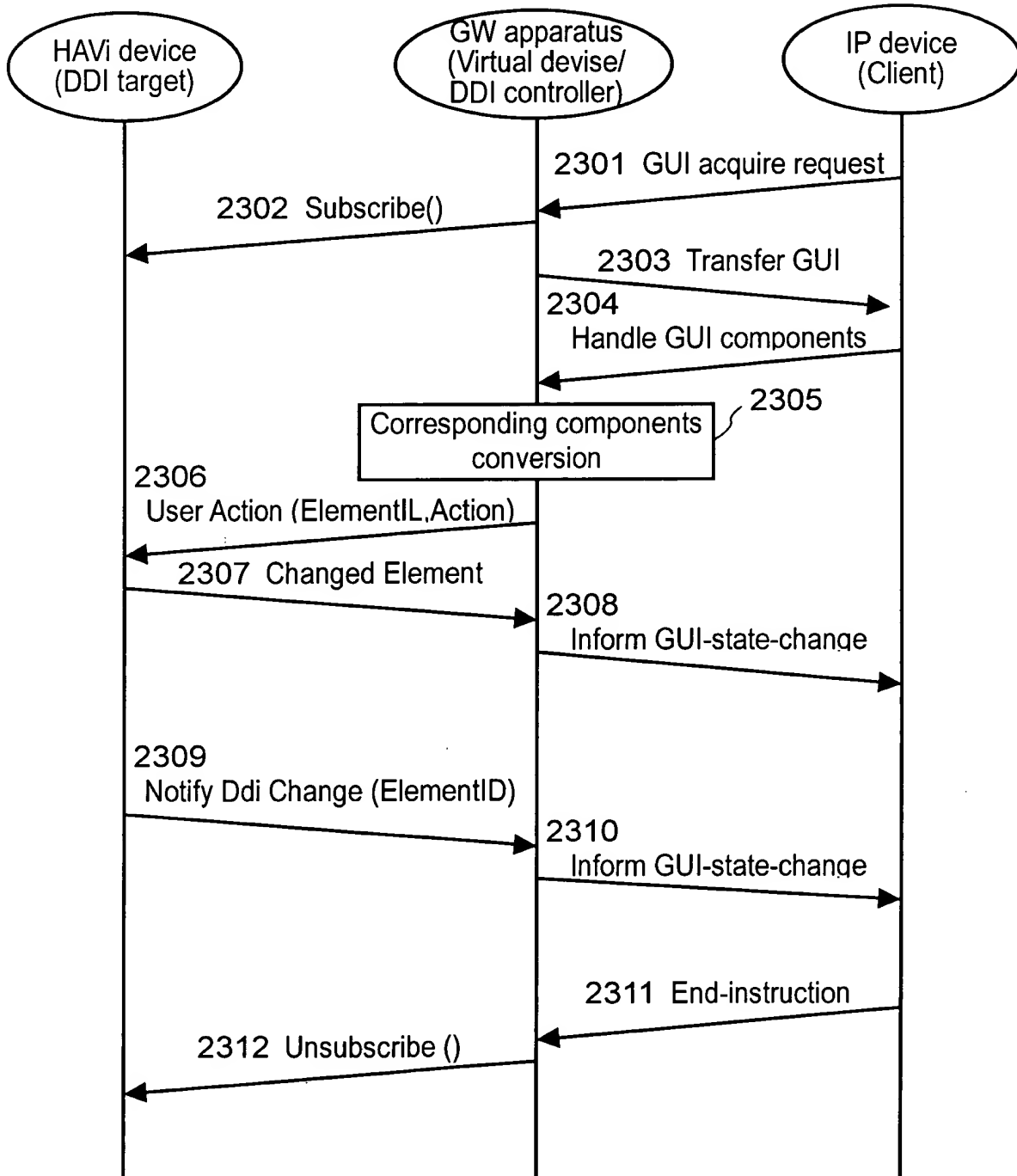


FIG. 23

GUID-operation-from-IP sequence



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FIG. 24

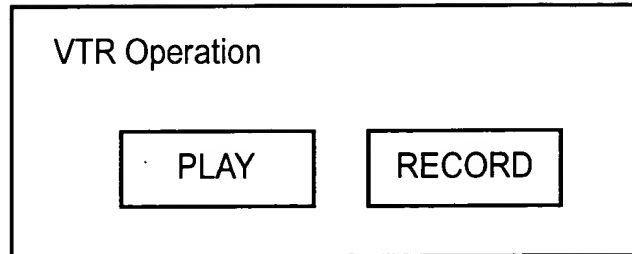


FIG. 25

HUID XXXX

Element Type	Label	Element ID
DDi Panel	VTR operation	0
DDi Button	PLAY	1
DDi Button	RECORD	2

FIG. 26

```
If(Event==Play_Pressed) then{
  CallDDi(1,Pressed);
}
elseif(Event==Record_Pressed)then{
  CallDDi(2,Pressed);
}
```

FIG. 27

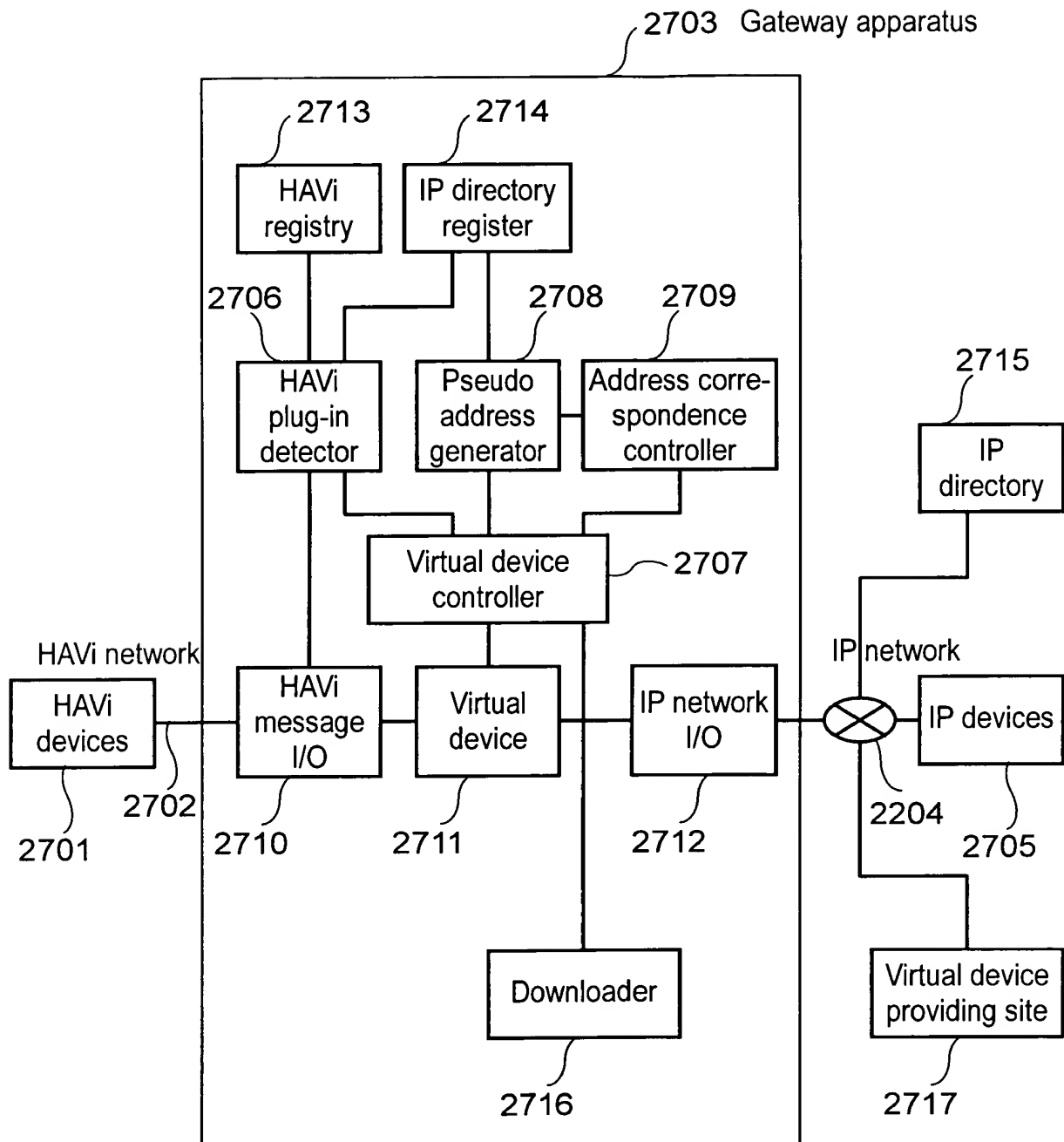


FIG. 28

Manufacturer	Device No,	URL	Current Version
XXXXXX	1234AZ1	http://www.[][]/1234AZ1/vdevise.exe	1.02

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FIG. 29

